

Figure 1

within Noise Limited Contour	520260	16513.1
not affected by terrain losses	517056	16102.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4351	186.9
lost to ATV IX only	4351	186.9
lost to all IX	4351	186.9

Potential Interfering Stations Included in above Scenario 5

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20080317AAO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2067%

Result key: 22
 Scenario 6 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BLCDDT 20060620ABX LIC
 HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	520260	16513.1
not affected by terrain losses	517056	16102.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3289	129.2
lost to ATV IX only	3289	129.2
lost to all IX	3289	129.2

Potential Interfering Stations Included in above Scenario 6

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN

After Analysis

Results for: 46A AL MONTGOMERY BLCDDT 20060620ABX LIC
 HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	520260	16513.1
not affected by terrain losses	517056	16102.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4351	186.9
lost to ATV IX only	4351	186.9
lost to all IX	4351	186.9

Potential Interfering Stations Included in above Scenario 6

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2067%

Result key: 23
 Scenario 7 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BLCDDT 20060620ABX LIC
 HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	520260	16513.1
not affected by terrain losses	517056	16102.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3289	135.1
lost to ATV IX only	3289	135.1
lost to all IX	3289	135.1

Potential Interfering Stations Included in above Scenario 7

Figure 1

46A GA THOMASVILLE DTVPLN DTVP1643 PLN
 47A AL OPELIKA BMPCDT 20080317AAO CP

After Analysis

Results for: 46A AL MONTGOMERY BLCDDT 20060620ABX LIC
 HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	520260	16513.1
not affected by terrain losses	517056	16102.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4351	192.8
lost to ATV IX only	4351	192.8
lost to all IX	4351	192.8

Potential Interfering Stations Included in above Scenario 7

46A GA THOMASVILLE DTVPLN DTVP1643 PLN
 47A AL OPELIKA BMPCDT 20080317AAO CP
 46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.2067%

Result key: 24
 Scenario 8 Affected station 10
 Before Analysis

Results for: 46A AL MONTGOMERY BLCDDT 20060620ABX LIC
 HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	520260	16513.1
not affected by terrain losses	517056	16102.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	3289	135.1
lost to ATV IX only	3289	135.1
lost to all IX	3289	135.1

Potential Interfering Stations Included in above Scenario 8

46A GA THOMASVILLE DTVPLN DTVP1643 PLN
 47A AL OPELIKA DTVPLN DTVP1666 PLN

After Analysis

Results for: 46A AL MONTGOMERY BLCDDT 20060620ABX LIC
 HAAT 130.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	520260	16513.1
not affected by terrain losses	517056	16102.1
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4351	192.8
lost to ATV IX only	4351	192.8
lost to all IX	4351	192.8

Potential Interfering Stations Included in above Scenario 8

46A GA THOMASVILLE DTVPLN DTVP1643 PLN
 47A AL OPELIKA DTVPLN DTVP1666 PLN
 46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.2067%

Worst case new IX 0.2067% Scenario 1

#####

Analysis of Interference to Affected Station 11

Figure 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WMCB-TV	MONTGOMERY AL	DTVPLN	-DTVP1635

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WPXH	GADSDEN AL	167.3	LIC	BLCDDT	-20020510AAL
45	WPXH	GADSDEN AL	167.3	PLN	DTVPLN	-DTVP1602
46	WCTV	THOMASVILLE GA	287.7	LIC	BLCDDT	-20050815AAA
46	WCTV	THOMASVILLE GA	287.7	PLN	DTVPLN	-DTVP1643
47	WLGA	OPELIKA AL	132.3	CP MOD	BMPCDDT	-20080317AAO
47	WLGA	OPELIKA AL	132.3	PLN	DTVPLN	-DTVP1666
46	WHNT	HUNTSVILLE AL	261.4	APP	USERRECORD-01	

Total scenarios = 8

Result key: 25

Scenario 1 Affected station 11

Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2353	410.2
lost to ATV IX only	2353	410.2
lost to all IX	2353	410.2

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDDT	20080317AAO	CP

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4252	493.4
lost to ATV IX only	4252	493.4
lost to all IX	4252	493.4

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDDT	20080317AAO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2955%

Result key: 26

Scenario 2 Affected station 11

Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2353	410.2
lost to ATV IX only	2353	410.2
lost to all IX	2353	410.2

Figure 1

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
 HAAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4252	493.4
lost to ATV IX only	4252	493.4
lost to all IX	4252	493.4

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2955%

Result key: 27
 Scenario 3 Affected station 11
 Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
 HAAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2410	417.1
lost to ATV IX only	2410	417.1
lost to all IX	2410	417.1

Potential Interfering Stations Included in above Scenario 3

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	BMPCDT	20080317AAO	CP

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
 HAAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4309	500.3
lost to ATV IX only	4309	500.3
lost to all IX	4309	500.3

Potential Interfering Stations Included in above Scenario 3

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	BMPCDT	20080317AAO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2955%

Result key: 28
 Scenario 4 Affected station 11
 Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

Figure 1

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2410	417.1
lost to ATV IX only	2410	417.1
lost to all IX	2410	417.1

Potential Interfering Stations Included in above Scenario 4

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	DTVPLN	DTVP1666	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4309	500.3
lost to ATV IX only	4309	500.3
lost to all IX	4309	500.3

Potential Interfering Stations Included in above Scenario 4

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	DTVPLN	DTVP1666	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2955%

Result key: 29

Scenario 5 Affected station 11

Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2353	410.2
lost to ATV IX only	2353	410.2
lost to all IX	2353	410.2

Potential Interfering Stations Included in above Scenario 5

46A GA THOMASVILLE	BLCDF	20050815AAA	LIC
47A AL OPELIKA	BMPCDF	20080317AAO	CP

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN

HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4252	493.4
lost to ATV IX only	4252	493.4
lost to all IX	4252	493.4

Potential Interfering Stations Included in above Scenario 5

46A GA THOMASVILLE	BLCDF	20050815AAA	LIC
47A AL OPELIKA	BMPCDF	20080317AAO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Figure 1

Percent new IX = 0.2955%

Result key: 30
 Scenario 6 Affected station 11
 Before Analysis

Results for: 46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN
HAAT 308.0 m, ATV ERP 500.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	648497	22684.8	
not affected by terrain losses	644982	22262.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2353	410.2	
lost to ATV IX only	2353	410.2	
lost to all IX	2353	410.2	

Potential Interfering Stations Included in above Scenario 6

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN

After Analysis

Results for: 46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN
HAAT 308.0 m, ATV ERP 500.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	648497	22684.8	
not affected by terrain losses	644982	22262.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4252	493.4	
lost to ATV IX only	4252	493.4	
lost to all IX	4252	493.4	

Potential Interfering Stations Included in above Scenario 6

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2955%

Result key: 31
 Scenario 7 Affected station 11
 Before Analysis

Results for: 46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN
HAAT 308.0 m, ATV ERP 500.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	648497	22684.8	
not affected by terrain losses	644982	22262.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	2410	417.1	
lost to ATV IX only	2410	417.1	
lost to all IX	2410	417.1	

Potential Interfering Stations Included in above Scenario 7

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	BMPCDT	20080317AAO	CP

After Analysis

Results for: 46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN
HAAT 308.0 m, ATV ERP 500.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	648497	22684.8	
not affected by terrain losses	644982	22262.8	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	4309	500.3	

Figure 1

lost to ATV IX only 4309 500.3
lost to all IX 4309 500.3

Potential Interfering Stations Included in above Scenario 7

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	BMPCDT	20080317AAO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2955%

Result key: 32
Scenario 8 Affected station 11
Before Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2410	417.1
lost to ATV IX only	2410	417.1
lost to all IX	2410	417.1

Potential Interfering Stations Included in above Scenario 8

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	DTVPLN	DTVP1666	PLN

After Analysis

Results for: 46A AL MONTGOMERY DTVPLN DTVP1635 PLN
HAAT 308.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648497	22684.8
not affected by terrain losses	644982	22262.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4309	500.3
lost to ATV IX only	4309	500.3
lost to all IX	4309	500.3

Potential Interfering Stations Included in above Scenario 8

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	DTVPLN	DTVP1666	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.2955%

Worst case new IX 0.2955% Scenario 3

#####

Analysis of Interference to Affected Station 12

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WMCF-TV	MONTGOMERY AL	BPCDT	-20080319AAV

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WPXH	GADSDEN AL	167.3	LIC	BLCDT	-20020510AAL
45	WPXH	GADSDEN AL	167.3	PLN	DTVPLN	-DTVP1602
46	WCTV	THOMASVILLE GA	287.7	LIC	BLCDT	-20050815AAA
46	WCTV	THOMASVILLE GA	287.7	PLN	DTVPLN	-DTVP1643
47	WLGA	OPELIKA AL	132.3	CP MOD	BMPCDT	-20080317AAO

Figure 1

47	WLGA	OPELIKA AL	132.3	PLN	DTVPLN	-DTVP1666
46	WHNT	HUNTSVILLE AL	261.4	APP	USERRECORD-01	

Total scenarios = 8

Result key: 33
 Scenario 1 Affected station 12
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2206	391.6
lost to ATV IX only	2206	391.6
lost to all IX	2206	391.6

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20080317AAO	CP

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4414	481.7
lost to ATV IX only	4414	481.7
lost to all IX	4414	481.7

Potential Interfering Stations Included in above Scenario 1

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	BMPCDT	20080317AAO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.3435%

Result key: 34
 Scenario 2 Affected station 12
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2206	391.6
lost to ATV IX only	2206	391.6
lost to all IX	2206	391.6

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0

Figure 1

not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4414	481.7
lost to ATV IX only	4414	481.7
lost to all IX	4414	481.7

Potential Interfering Stations Included in above Scenario 2

46A GA THOMASVILLE	BLCDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.3435%

Result key: 35
 Scenario 3 Affected station 12
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2373	404.4
lost to ATV IX only	2373	404.4
lost to all IX	2373	404.4

Potential Interfering Stations Included in above Scenario 3

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	BMPCDT	20080317AAO	CP

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4581	494.4
lost to ATV IX only	4581	494.4
lost to all IX	4581	494.4

Potential Interfering Stations Included in above Scenario 3

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	BMPCDT	20080317AAO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.3436%

Result key: 36
 Scenario 4 Affected station 12
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2373	404.4
lost to ATV IX only	2373	404.4
lost to all IX	2373	404.4

Potential Interfering Stations Included in above Scenario 4

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
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Figure 1

47A AL OPELIKA DTVPLN DTVP1666 PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4581	494.4
lost to ATV IX only	4581	494.4
lost to all IX	4581	494.4

Potential Interfering Stations Included in above Scenario 4

46A GA THOMASVILLE DTVPLN DTVP1643 PLN
 47A AL OPELIKA DTVPLN DTVP1666 PLN
 46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.3436%

Result key: 37
 Scenario 5 Affected station 12
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2206	391.6
lost to ATV IX only	2206	391.6
lost to all IX	2206	391.6

Potential Interfering Stations Included in above Scenario 5

46A GA THOMASVILLE BLCDDT 20050815AAA LIC
 47A AL OPELIKA BMPDDT 20080317AAO CP

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4414	481.7
lost to ATV IX only	4414	481.7
lost to all IX	4414	481.7

Potential Interfering Stations Included in above Scenario 5

46A GA THOMASVILLE BLCDDT 20050815AAA LIC
 47A AL OPELIKA BMPDDT 20080317AAO CP
 46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.3435%

Result key: 38
 Scenario 6 Affected station 12
 Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
 HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0

Figure 1

lost to NTSC IX	0	0.0
lost to additional IX by ATV	2206	391.6
lost to ATV IX only	2206	391.6
lost to all IX	2206	391.6

Potential Interfering Stations Included in above Scenario 6

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDDT 20080319AAV CP
HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4414	481.7
lost to ATV IX only	4414	481.7
lost to all IX	4414	481.7

Potential Interfering Stations Included in above Scenario 6

46A GA THOMASVILLE	BLCDDT	20050815AAA	LIC
47A AL OPELIKA	DTVPLN	DTVP1666	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.3435%

Result key: 39
Scenario 7 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BPCDDT 20080319AAV CP
HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2373	404.4
lost to ATV IX only	2373	404.4
lost to all IX	2373	404.4

Potential Interfering Stations Included in above Scenario 7

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	BMPCDDT	20080317AAO	CP

After Analysis

Results for: 46A AL MONTGOMERY BPCDDT 20080319AAV CP
HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4581	494.4
lost to ATV IX only	4581	494.4
lost to all IX	4581	494.4

Potential Interfering Stations Included in above Scenario 7

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	BMPCDDT	20080317AAO	CP
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.3436%

Result key: 40

Figure 1

Scenario 8 Affected station 12
Before Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	2373	404.4
lost to ATV IX only	2373	404.4
lost to all IX	2373	404.4

Potential Interfering Stations Included in above Scenario 8

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	DTVPLN	DTVP1666	PLN

After Analysis

Results for: 46A AL MONTGOMERY BPCDT 20080319AAV CP
HAAT 305.0 m, ATV ERP 500.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	648447	22678.0
not affected by terrain losses	645037	22259.0
lost to NTSC IX	0	0.0
lost to additional IX by ATV	4581	494.4
lost to ATV IX only	4581	494.4
lost to all IX	4581	494.4

Potential Interfering Stations Included in above Scenario 8

46A GA THOMASVILLE	DTVPLN	DTVP1643	PLN
47A AL OPELIKA	DTVPLN	DTVP1666	PLN
46A AL HUNTSVILLE	USERRECORD01		APP

Percent new IX = 0.3436%

Worst case new IX 0.3436% Scenario 3

#####

Analysis of Interference to Affected Station 13

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WFIE	EVANSVILLE IN	BLCDT	-20050916ACR

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEVV	EVANSVILLE IN	2.2	LIC	BLCDT	-20080404ACD
45	WEVV	EVANSVILLE IN	2.2	PLN	DTVPLN	-DTVP1612
46	WTVP	PEORIA IL	352.2	LIC	BLEDT	-20040105ACV
46	WTVP	PEORIA IL	352.2	PLN	DTVPLN	-DTVP1644
46	WWHO	CHILLICOTHE OH	426.2	LIC	BLCDT	-20021025AAA
46	WWHO	CHILLICOTHE OH	426.2	PLN	DTVPLN	-DTVP1652
47	WAVE	LOUISVILLE KY	157.0	LIC	BLCDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	157.0	PLN	DTVPLN	-DTVP1675
46	WHNT	HUNTSVILLE AL	360.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 41
Scenario 1 Affected station 13
Before Analysis

Figure 1

Results for: 46A IN EVANSVILLE BLCDT 20050916ACR LIC
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	369	23.7
lost to ATV IX only	369	23.7
lost to all IX	369	23.7

Potential Interfering Stations Included in above Scenario 1

45A IN EVANSVILLE BLCDT 20080404ACD LIC

After Analysis

Results for: 46A IN EVANSVILLE BLCDT 20050916ACR LIC
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	448	26.6
lost to ATV IX only	448	26.6
lost to all IX	448	26.6

Potential Interfering Stations Included in above Scenario 1

45A IN EVANSVILLE BLCDT 20080404ACD LIC
 46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.0111%

Result key: 42
 Scenario 2 Affected station 13
 Before Analysis

Results for: 46A IN EVANSVILLE BLCDT 20050916ACR LIC
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	447	21.7
lost to ATV IX only	447	21.7
lost to all IX	447	21.7

Potential Interfering Stations Included in above Scenario 2

45A IN EVANSVILLE DTVPLN DTVP1612 PLN

After Analysis

Results for: 46A IN EVANSVILLE BLCDT 20050916ACR LIC
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	526	24.7
lost to ATV IX only	526	24.7
lost to all IX	526	24.7

Potential Interfering Stations Included in above Scenario 2

45A IN EVANSVILLE DTVPLN DTVP1612 PLN
 46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.0111%

Figure 1

Result key: 43
 Scenario 3 Affected station 13
 Before Analysis

Results for: 46A IN EVANSVILLE BLC DT 20050916ACR LIC
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	369	23.7
lost to ATV IX only	369	23.7
lost to all IX	369	23.7

Potential Interfering Stations Included in above Scenario 3

45A IN EVANSVILLE BLC DT 20080404ACD LIC

After Analysis

Results for: 46A IN EVANSVILLE BLC DT 20050916ACR LIC
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	448	26.6
lost to ATV IX only	448	26.6
lost to all IX	448	26.6

Potential Interfering Stations Included in above Scenario 3

45A IN EVANSVILLE BLC DT 20080404ACD LIC
 46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.0111%

Result key: 44
 Scenario 4 Affected station 13
 Before Analysis

Results for: 46A IN EVANSVILLE BLC DT 20050916ACR LIC
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	447	21.7
lost to ATV IX only	447	21.7
lost to all IX	447	21.7

Potential Interfering Stations Included in above Scenario 4

45A IN EVANSVILLE DTVPLN DTVP1612 PLN

After Analysis

Results for: 46A IN EVANSVILLE BLC DT 20050916ACR LIC
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	526	24.7
lost to ATV IX only	526	24.7
lost to all IX	526	24.7

Potential Interfering Stations Included in above Scenario 4

45A IN EVANSVILLE DTVPLN DTVP1612 PLN

Figure 1

46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.0111%

Worst case new IX 0.0111% Scenario 2

#####

Analysis of Interference to Affected Station 14

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
46	WFIE	EVANSVILLE IN	DTVPLN	-DTVP1645

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
45	WEVV	EVANSVILLE IN	2.2	LIC	BLCDDT	-20080404ACD
45	WEVV	EVANSVILLE IN	2.2	PLN	DTVPLN	-DTVP1612
46	WTVP	PEORIA IL	352.2	LIC	BLEDT	-20040105ACV
46	WTVP	PEORIA IL	352.2	PLN	DTVPLN	-DTVP1644
46	WWHO	CHILLICOTHE OH	426.2	LIC	BLCDDT	-20021025AAA
46	WWHO	CHILLICOTHE OH	426.2	PLN	DTVPLN	-DTVP1652
47	WAVE	LOUISVILLE KY	157.0	LIC	BLCDDT	-20030306ABQ
47	WAVE	LOUISVILLE KY	157.0	PLN	DTVPLN	-DTVP1675
46	WHNT	HUNTSVILLE AL	360.9	APP	USERRECORD-01	

Total scenarios = 4

Result key: 45

Scenario 1 Affected station 14

Before Analysis

Results for: 46A IN EVANSVILLE DTVPLN DTVP1645 PLN

HAAT 310.0 m, ATV ERP 250.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	369	23.7
lost to ATV IX only	369	23.7
lost to all IX	369	23.7

Potential Interfering Stations Included in above Scenario 1

45A IN EVANSVILLE BLCDDT 20080404ACD LIC

After Analysis

Results for: 46A IN EVANSVILLE DTVPLN DTVP1645 PLN

HAAT 310.0 m, ATV ERP 250.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	448	26.6
lost to ATV IX only	448	26.6
lost to all IX	448	26.6

Potential Interfering Stations Included in above Scenario 1

45A IN EVANSVILLE BLCDDT 20080404ACD LIC

46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.0111%

Result key: 46

Figure 1

Scenario 2 Affected station 14
Before Analysis

Results for: 46A IN EVANSVILLE DTVPLN DTVP1645 PLN
HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	447	21.7
lost to ATV IX only	447	21.7
lost to all IX	447	21.7

Potential Interfering Stations Included in above Scenario 2

45A IN EVANSVILLE DTVPLN DTVP1612 PLN

After Analysis

Results for: 46A IN EVANSVILLE DTVPLN DTVP1645 PLN
HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	526	24.7
lost to ATV IX only	526	24.7
lost to all IX	526	24.7

Potential Interfering Stations Included in above Scenario 2

45A IN EVANSVILLE DTVPLN DTVP1612 PLN
46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.0111%

Result key: 47
Scenario 3 Affected station 14
Before Analysis

Results for: 46A IN EVANSVILLE DTVPLN DTVP1645 PLN
HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	369	23.7
lost to ATV IX only	369	23.7
lost to all IX	369	23.7

Potential Interfering Stations Included in above Scenario 3

45A IN EVANSVILLE BLCDT 20080404ACD LIC

After Analysis

Results for: 46A IN EVANSVILLE DTVPLN DTVP1645 PLN
HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	448	26.6
lost to ATV IX only	448	26.6
lost to all IX	448	26.6

Potential Interfering Stations Included in above Scenario 3

45A IN EVANSVILLE BLCDT 20080404ACD LIC
46A AL HUNTSVILLE USERRECORD01 APP

Figure 1

Percent new IX = 0.0111%

Result key: 48
 Scenario 4 Affected station 14
 Before Analysis

Results for: 46A IN EVANSVILLE DTVPLN DTVP1645 PLN
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	447	21.7
lost to ATV IX only	447	21.7
lost to all IX	447	21.7

Potential Interfering Stations Included in above Scenario 4

45A IN EVANSVILLE DTVPLN DTVP1612 PLN

After Analysis

Results for: 46A IN EVANSVILLE DTVPLN DTVP1645 PLN
 HAAT 310.0 m, ATV ERP 250.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	713137	22523.0
not affected by terrain losses	711488	22380.8
lost to NTSC IX	0	0.0
lost to additional IX by ATV	526	24.7
lost to ATV IX only	526	24.7
lost to all IX	526	24.7

Potential Interfering Stations Included in above Scenario 4

45A IN EVANSVILLE DTVPLN DTVP1612 PLN
 46A AL HUNTSVILLE USERRECORD01 APP

Percent new IX = 0.0111%

Worst case new IX 0.0111% Scenario 2

#####

Analysis of Interference to Affected Station 15

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	WLJT	LEXINGTON TN	BMPEDT -20020426AAH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist (km)	Status	Application Ref. No.
47	WRBU	EAST ST. LOUIS IL	342.1	LIC	BLCDT -20020510ABC
47	WRBU	EAST ST. LOUIS IL	342.1	PLN	DTVPLN -DTVP1674
47	WAVE	LOUISVILLE KY	385.1	LIC	BLCDT -20030306ABQ
47	WAVE	LOUISVILLE KY	385.1	PLN	DTVPLN -DTVP1675
48	KVTJ	JONESBORO AR	173.7	PLN	DTVPLN -DTVP1696
48	KVTJ	JONESBORO AR	173.7	CP	BPCDT -20080318ABM
46	WHNT	HUNTSVILLE AL	216.4	APP	USERRECORD-01

Proposed station is beyond the site to
 nearest cell evaluation distance

#####

Analysis of Interference to Affected Station 16

Figure 1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
47	WLJT	LEXINGTON TN	DTVPLN -DTVP1692

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
47	WRBU	EAST ST. LOUIS IL	342.1	LIC	BLCDT -20020510ABC
47	WRBU	EAST ST. LOUIS IL	342.1	PLN	DTVPLN -DTVP1674
47	WAVE	LOUISVILLE KY	385.1	LIC	BLCDT -20030306ABQ
47	WAVE	LOUISVILLE KY	385.1	PLN	DTVPLN -DTVP1675
48	KVTJ	JONESBORO AR	173.7	PLN	DTVPLN -DTVP1696
48	KVTJ	JONESBORO AR	173.7	CP	BPCDT -20080318ABM
46	WHNT	HUNTSVILLE AL	216.4	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 17

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	W49AY	BIRMINGHAM AL	BLTTL -19920218JN

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
41	WZDX	HUNTSVILLE AL	141.6	CP MOD	BMPCDT -20020708AAU
41	WZDX	HUNTSVILLE AL	141.6	PLN	DTVPLN -DTVP1460
42	WIAT	BIRMINGHAM AL	0.4	LIC	BLCT -19961001UP
45	WPXH	GADSDEN AL	55.1	LIC	BLCDT -20020510AAL
45	WPXH	GADSDEN AL	55.1	PLN	DTVPLN -DTVP1602
46	WMCF-TV	MONTGOMERY AL	133.0	LIC	BLCDT -20060620ABX
46	WMCF-TV	MONTGOMERY AL	133.0	PLN	DTVPLN -DTVP1635
46	WMCF-TV	MONTGOMERY AL	133.0	CP	BPCDT -20080319AAV
49	WAFF	HUNTSVILLE AL	138.7	LIC	BLCDT -20021023ABD
49	WAFF	HUNTSVILLE AL	138.7	PLN	DTVPLN -DTVP1727
49	WAWD	FORT WALTON BEACH FL	344.5	PLN	DTVPLN -DTVP1734
49	WAWD	FT. WALTON BEACH FL	344.3	CP	BPCDT -19991105AAL
49	WXTX	COLUMBUS GA	213.0	LIC	BLCDT -20060630ACY
49	WXTX	COLUMBUS GA	213.0	PLN	DTVPLN -DTVP1737
49	NEW	TUPELO MS	169.2	LIC	BPRM -20000717AER
49	960920LX	TUPELO MS	169.2	CP	BPCT -19960920LX
50	WBRC	BIRMINGHAM AL	1.1	CP	BPCDT -20080314ACG
50	WBRC	BIRMINGHAM AL	1.1	PLN	DTVPLN -DTVP1758
50	WBRC	BIRMINGHAM AL	1.1	LIC	BLCDT -20050825ADM
46	WHNT	HUNTSVILLE AL	141.8	APP	USERRECORD-01

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 18

Analysis of current record

Channel	Call	City/State	Application Ref. No.
49	WDNN-CA	DALTON GA	BLTTL -20020319ABG

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
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Figure 1

41	WZDX	HUNTSVILLE AL	138.4	CP MOD	BMPCDT	-20020708AAU
41	WZDX	HUNTSVILLE AL	138.4	PLN	DTVPLN	-DTVP1460
41	WATC	ATLANTA GA	90.3	LIC	BLCDT	-20070912AAT
41	WATC	ATLANTA GA	90.3	PLN	DTVPLN	-DTVP1466
42	WFLI-TV	CLEVELAND TN	58.0	LIC	BLCDT	-20050808AGH
42	WFLI-TV	CLEVELAND TN	58.0	PLN	DTVPLN	-DTVP1516
48	WUVG-TV	ATHENS GA	120.3	LIC	BLCDT	-20030805AJ0
48	WUVG-TV	ATHENS GA	120.3	PLN	DTVPLN	-DTVP1705
49	WAFF	HUNTSVILLE AL	138.7	LIC	BLCDT	-20021023ABD
49	WAFF	HUNTSVILLE AL	138.7	PLN	DTVPLN	-DTVP1727
49	W49AD	CARROLLTON GA	130.0	LIC	BLTT	-20021204AAL
49	WXTX	COLUMBUS GA	252.9	LIC	BLCDT	-20060630ACY
49	WXTX	COLUMBUS GA	252.9	PLN	DTVPLN	-DTVP1737
49	W49DE	MARIETTA GA	90.4	LIC	BLTT	-20071127AGO
49	NEW	TUPELO MS	337.3	LIC	BPRM	-20000717AER
49	960920LX	TUPELO MS	337.3	CP	BPCT	-19960920LX
49	WRET-TV	SPARTANBURG SC	292.2	CP	BPET	-20050324ACG
49	WLFG	GRUNDY VA	352.8	CP	BPCDT	-19991029AGK
49	WLFG	GRUNDY VA	352.8	PLN	DTVPLN	-DTVP1754
51	WPXA	ROME GA	57.6	LIC	BLCDT	-20020510AAN
51	WPXA	ROME GA	57.6	PLN	DTVPLN	-DTVP1793
63	WHSB-TV	MONROE GA	144.5	LIC	BLCT	-19910304KF
64	960723LD	TULLAHOMA TN	91.7	APP	BPCT	-19960723LD
46	WHNT	HUNTSVILLE AL	138.4	APP	USERRECORD-01	

Proposed station is beyond the site to
nearest cell evaluation distance

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Analysis of Interference to Affected Station 19

Analysis of current record

Channel	Call	City/State	Application Ref. No.
46	WHNT	HUNTSVILLE AL	USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
45	WPXH	GADSDEN AL	94.4	LIC	BLCDT -20020510AAL
45	WPXH	GADSDEN AL	94.4	PLN	DTVPLN -DTVP1602
46	WMCB-TV	MONTGOMERY AL	261.4	LIC	BLCDT -20060620ABX
46	WMCB-TV	MONTGOMERY AL	261.4	PLN	DTVPLN -DTVP1635
46	WMCB-TV	MONTGOMERY AL	261.4	CP	BPCDT -20080319AAV
46	WFIE	EVANSVILLE IN	360.9	LIC	BLCDT -20050916ACR
46	WFIE	EVANSVILLE IN	360.9	PLN	DTVPLN -DTVP1645
47	WLJT	LEXINGTON TN	216.4	CP MOD	BMPEDT -20020426AAH
47	WLJT	LEXINGTON TN	216.4	PLN	DTVPLN -DTVP1692

Total scenarios = 12

Result key: 49
Scenario 1 Affected station 19
Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP
HAAT 531.0 m, ATV ERP 575.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	1375692	34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16268	413.5
lost to ATV IX only	16268	413.5
lost to all IX	16268	413.5

Potential Interfering Stations Included in above Scenario 1

Figure 1

45A AL GADSDEN	BLCDT	20020510AAL	LIC
46A AL MONTGOMERY	BLCDT	20060620ABX	LIC
46A IN EVANSVILLE	BLCDT	20050916ACR	LIC

Result key: 50
 Scenario 2 Affected station 19
 Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 531.0 m, ATV ERP 575.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1375692	34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	16268	413.5
lost to ATV IX only	16268	413.5
lost to all IX	16268	413.5

Potential Interfering Stations Included in above Scenario 2

45A AL GADSDEN	BLCDT	20020510AAL	LIC
46A AL MONTGOMERY	BLCDT	20060620ABX	LIC
46A IN EVANSVILLE	DTVPLN	DTVP1645	PLN

Result key: 51
 Scenario 3 Affected station 19
 Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 531.0 m, ATV ERP 575.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1375692	34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14061	361.6
lost to ATV IX only	14061	361.6
lost to all IX	14061	361.6

Potential Interfering Stations Included in above Scenario 3

45A AL GADSDEN	BLCDT	20020510AAL	LIC
46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN
46A IN EVANSVILLE	BLCDT	20050916ACR	LIC

Result key: 52
 Scenario 4 Affected station 19
 Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 531.0 m, ATV ERP 575.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	1375692	34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14061	361.6
lost to ATV IX only	14061	361.6
lost to all IX	14061	361.6

Potential Interfering Stations Included in above Scenario 4

45A AL GADSDEN	BLCDT	20020510AAL	LIC
46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN
46A IN EVANSVILLE	DTVPLN	DTVP1645	PLN

Result key: 53
 Scenario 5 Affected station 19
 Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 531.0 m, ATV ERP 575.0 kW

Figure 1

	POPULATION	AREA (sq km)	
within Noise Limited Contour	1375692	34679.3	
not affected by terrain losses	1290960	32420.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	14645	359.7	
lost to ATV IX only	14645	359.7	
lost to all IX	14645	359.7	
Potential Interfering Stations Included in above Scenario			5
45A AL GADSDEN	BLCDT	20020510AAL	LIC
46A AL MONTGOMERY	BPCDT	20080319AAV	CP
46A IN EVANSVILLE	BLCDT	20050916ACR	LIC
Result key: 54			
Scenario	6	Affected station	19
Before Analysis			
Results for: 46A AL HUNTSVILLE		USERRECORD01	APP
HAAT 531.0 m, ATV ERP 575.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1375692	34679.3	
not affected by terrain losses	1290960	32420.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	14645	359.7	
lost to ATV IX only	14645	359.7	
lost to all IX	14645	359.7	
Potential Interfering Stations Included in above Scenario			6
45A AL GADSDEN	BLCDT	20020510AAL	LIC
46A AL MONTGOMERY	BPCDT	20080319AAV	CP
46A IN EVANSVILLE	DTVPLN	DTVP1645	PLN
Result key: 55			
Scenario	7	Affected station	19
Before Analysis			
Results for: 46A AL HUNTSVILLE		USERRECORD01	APP
HAAT 531.0 m, ATV ERP 575.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1375692	34679.3	
not affected by terrain losses	1290960	32420.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16268	413.5	
lost to ATV IX only	16268	413.5	
lost to all IX	16268	413.5	
Potential Interfering Stations Included in above Scenario			7
45A AL GADSDEN	DTVPLN	DTVP1602	PLN
46A AL MONTGOMERY	BLCDT	20060620ABX	LIC
46A IN EVANSVILLE	BLCDT	20050916ACR	LIC
Result key: 56			
Scenario	8	Affected station	19
Before Analysis			
Results for: 46A AL HUNTSVILLE		USERRECORD01	APP
HAAT 531.0 m, ATV ERP 575.0 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	1375692	34679.3	
not affected by terrain losses	1290960	32420.4	
lost to NTSC IX	0	0.0	
lost to additional IX by ATV	16268	413.5	
lost to ATV IX only	16268	413.5	
lost to all IX	16268	413.5	
Potential Interfering Stations Included in above Scenario			8

Figure 1

45A AL GADSDEN	DTVPLN	DTVP1602	PLN
46A AL MONTGOMERY	BLCDT	20060620ABX	LIC
46A IN EVANSVILLE	DTVPLN	DTVP1645	PLN

Result key: 57
 Scenario 9 Affected station 19
 Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 531.0 m, ATV ERP 575.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1375692	34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14061	361.6
lost to ATV IX only	14061	361.6
lost to all IX	14061	361.6

Potential Interfering Stations Included in above Scenario 9

45A AL GADSDEN	DTVPLN	DTVP1602	PLN
46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN
46A IN EVANSVILLE	BLCDT	20050916ACR	LIC

Result key: 58
 Scenario 10 Affected station 19
 Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 531.0 m, ATV ERP 575.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1375692	34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14061	361.6
lost to ATV IX only	14061	361.6
lost to all IX	14061	361.6

Potential Interfering Stations Included in above Scenario 10

45A AL GADSDEN	DTVPLN	DTVP1602	PLN
46A AL MONTGOMERY	DTVPLN	DTVP1635	PLN
46A IN EVANSVILLE	DTVPLN	DTVP1645	PLN

Result key: 59
 Scenario 11 Affected station 19
 Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 531.0 m, ATV ERP 575.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	1375692	34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14645	359.7
lost to ATV IX only	14645	359.7
lost to all IX	14645	359.7

Potential Interfering Stations Included in above Scenario 11

45A AL GADSDEN	DTVPLN	DTVP1602	PLN
46A AL MONTGOMERY	BPCDT	20080319AAV	CP
46A IN EVANSVILLE	BLCDT	20050916ACR	LIC

Result key: 60
 Scenario 12 Affected station 19
 Before Analysis

Results for: 46A AL HUNTSVILLE USERRECORD01 APP

HAAT 531.0 m, ATV ERP 575.0 kW

Figure 1

	POPULATION	AREA (sq km)
within Noise Limited Contour	1375692	34679.3
not affected by terrain losses	1290960	32420.4
lost to NTSC IX	0	0.0
lost to additional IX by ATV	14645	359.7
lost to ATV IX only	14645	359.7
lost to all IX	14645	359.7

Potential Interfering Stations Included in above Scenario 12

45A AL GADSDEN	DTVPLN	DTVP1602	PLN
46A AL MONTGOMERY	BPCDT	20080319AAV	CP
46A IN EVANSVILLE	DTVPLN	DTVP1645	PLN

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APPENDIX

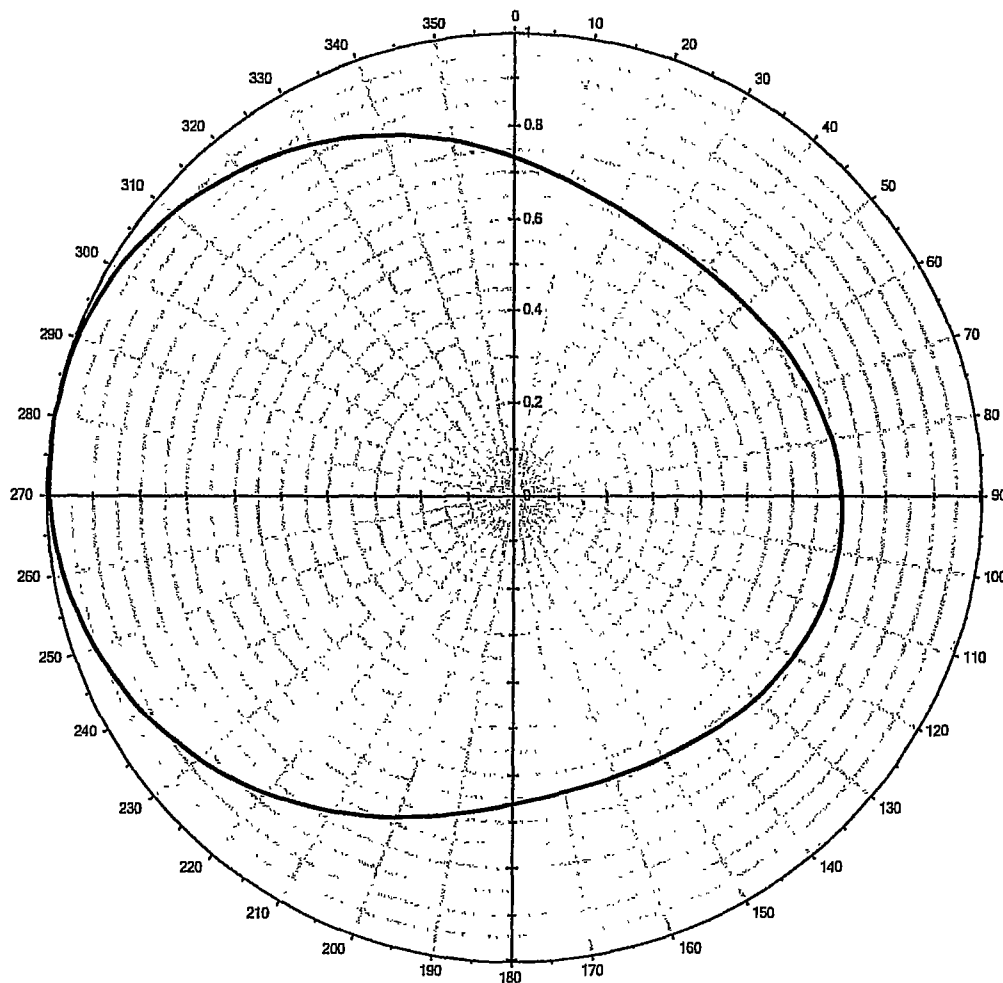
DIRECTIONAL ANTENNA INFORMATION

DA Inquiry

du Treil, Lundin, & Rackley, Inc., Sarasota, Florida



Antenna Pattern: Antenna ID: 16352



Note: display reflects rotation of 280.00°

Antenna Details: PATTERN ROTATION: 280 degrees true						
0° 1.000	60° 0.829	120° 0.639	180° 0.709	240° 0.639	300° 0.829	
10° 0.995	70° 0.780	130° 0.646	190° 0.705	250° 0.644	310° 0.876	
20° 0.979	80° 0.733	140° 0.661	200° 0.694	260° 0.662	320° 0.918	
30° 0.953	90° 0.692	150° 0.678	210° 0.678	270° 0.692	330° 0.953	
40° 0.918	100° 0.662	160° 0.694	220° 0.661	280° 0.733	340° 0.979	
50° 0.876	110° 0.644	170° 0.705	230° 0.646	290° 0.780	350° 0.995	

Antenna Make: AND

Standard Pattern: Y

Antenna Model: AL8

Last Change Date: